Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Wednesday 07 Dec 2022 until 23:59 on Thursday 08 Dec 2022

Forecast Issued on Tuesday 06 Dec 2022 at 10:34

Confidence: High for cold conditions. Medium for cloud details. Low for any snow details from Thursday.

Headline for Wednesday 07 Dec 2022: Dry and sunny or clear. Cold.

Mountain weather hazards on Wednesday 07 Dec 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Clear night	Sunny	Sunny	Sunny	Clear night	Clear night
Precipitation probability							
<05%	<05%	00%	00%	00%	00%	<05%	10%

Forecast for Wednesday 07 Dec 2022

Weather: Dry and mainly sunny or clear, although a few mist or freezing fog patches possible in the valleys. Small chance of a snow showers. Cold with a significant wind chill over the summits.

Chance of cloud-free hill tops above 800m: 90% or more

Low cloud and visibility: No significant cloud expected. Visibility very good or excellent, except in any mist, freezing fog or snow showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Wednesday 07 Dec 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	20/24 NE	19/24 N	21/25 N	18/23 N	15/19 N	17/22 N	18/22 N	17/22 N	14/18 N
600	14/21 N	15/23 N	13/19 N	12/18 N	9/14 N	11/18 N	12/18 NW	11/17 N	10/16 N
300	6/16 N	6/17 N	4/15 N	4/14 N	5/14 N	4/16 N	4/14 NW	3/14 N	3/11 N
Valley	7/17 N	8/19 N	7/18 N	7/16 N	6/14 N	5/16 N	5/15 N	5/14 N	4/11 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-4/-11	-4/-12	-5/-12	-5/-12	-4/-11	-5/-12	-5/-12	-5/-12	-6/-12
600	-3/-9	-3/-10	-4/-9	-4/-9	-2/-7	-3/-8	-3/-9	-4/-9	-4/-9
300	-1/-4	-2/-5	-2/-4	-2/-5	0/-3	-1/-3	-2/-4	-2/-4	-2/-4
Valley	2/-1	2/-2	1/-2	1/-2	3/0	3/0	2/-1	2/-1	1/-1
Freezing Level*	200m	100m	100m	00m	200m	100m	100m	100m	100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Ice and frozen surfaces expected.

Forecast for Thursday 08 Dec 2022

Weather: Chance of some overnight and morning snow, but this should stay to the south. However, significant uncertainty about this. Otherwise, mainly dry and sunny or clear, although a few mist or freezing fog patches possible in the valleys. Cold

Maximum wind: Northeast 10 to 15mph.

Chance of cloud-free hill tops above 800m: 80%, but 30% if snow moves in.

Low cloud and visibility: Generally no significant cloud expected, but occasional or extensive 600m or less in any snow. Visibility very good or excellent, but poor or very poor in snow, mist and freezing fog.

Temperature: **Valleys:** Minus 5 to Zero Celsius
At 800m: Minus 2 to Minus 6 Celsius
Freezing level: All levels

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Tuesday 6 December. Location: Helvellyn summit at 11:30. Full report: There is neither snow nor ice below 500m with some paths and rocks even being dry. In the morning above 500m there was the occasional patch of ice with frost just above this height although the vast majority was above 700m. Above 700m, and especially above 750m, ground and rocks (including pitched footpaths) are covered by a mixture of frost, rime ice and just a skittering of snow so depth is not an issue. Far more problematic is the slippery nature of the ground and rocks especially on steep and exposed terrain, such as both Striding and Swirral Edges. It is definitely necessary to concentrate on careful foot placement, especially in descent! The slight daytime rise in temperature combined with a forecast for a frost at lower elevations overnight means that walkers out on Wednesday should expect, and be prepared, to encounter ice both above and below the current snow/frost line. Full winter clothing (waterproofs, extra warm layers, hat & gloves), mountain boots and equipment including torch, map and compass and the ability to use them in potentially poor visibility such as low cloud are all essential to safely and comfortably enjoy the fells. For those heading above the snowline and attempting, or traversing, steep and exposed routes it is recommended to carry an ice axe and crampons or microspikes in case there is more ice and snow on Wednesday compared with that experienced on Tuesday. Walking poles to aid stability on slippery paths could also be useful. Temperature: minus 2.5C. Maximum wind speed 34.6mph. Wind chill: minus 13.4C. Average wind speed: 26.3mph

Issued at: 1034 on Tue 06 Dec 2022

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